THYRIS IOANNIS

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EDUCATION

2017-2018 Ph.D. research assistant, University of Crete, Department of Material Science and Technology

2015-2017 Master of Science in "Photonics and Nanoelectronics", University of Crete, Department of Physics, GPA: 8.41/10

2010-2015 Diploma in Physics, University of Crete, Department of Physics, GPA: 7.61/10

AWARDS

2018 Awarded the "Stavros Niarchos Foundation - FORTH Fellowship" for Ph.D. position in the project ARCHERS (Advancing young Researchers' human Capital in cutting edge technologies in the Preservation of Cultural Heritage and the tackling of societal Challenges), 12 month duration.

2017 Received scholarship for Ph.D. position in the project NFFA (Nanoscience Foundries and Fine Analysis), 12 month duration.

2016 Awarded the Maria. M. Manasaki scholarship, awarded annually by the Department of Physics to one postgraduate student, based on his academic performance.

RESEARCH EXPERIENCE & SKILLS

2016- Conducted research in the Ultrafast Spectroscopy Lab at the Institute of Research and Technology. There, I was in charge of the micro-photoluminescence setup, responsible for the optimization of the setup, as well as the proper use of the equipment. Some of the skills acquired or experimental equipment used include:

- Optical characterization of semiconductor nanostructures (Quantum Dots & Nanowires)
- Laser systems (He:Cd, Femtosecond Ti:Sapphire, Diode pumped lasers)
- Optical alignment using various optical elements
- Time correlated single photon counting setup (Lifetime & auto-correlation measurements)

LANGUAGES

- Greek: Native Speaker
- English: Fluent (C2)
- French: Beginner (B1)

TEACHING EXPERIENCE

Assistant in the undergraduate lab courses "Mechanics and Heat Laboratory", "Optics Laboratory" and "Advanced Physics Laboratory" for a total of $\sim$ 150 hours. Responsible for the experiments such as: "Moment of inertia of a rigid body", "Measurement of the speed of light" and "Gamma-ray Spectroscopy".

PROGRAMMING/SOFTWARE

Some of the software or programming languages I used over the years include:

- Fortran 77
- Wolfram Mathematica
- LaTeX
- Microsoft Office

POSTERS & WORKSHOPS

1. "Enhanced piezoelectric field in AlAs-capped InAs (211)B quantum dots", *Thyris I. et al*, International Conference on the Physics of Semiconductors 2018, Montpellier France

2. Erasmus Intensive Programme: An Introduction to High Power Light-Matter Interactions, Rethymno, Greece, 30/06/2014-11/07/2014,